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Amendment Under 37 CFR §1.116

driver unit that selects the display driving voltage that is to be supplied to the display device, and a display device power supply that supplies the display driving voltage to the display device driver unit in response to a power control signal, the method comprising:

a first step of supplying a logic power source voltage to the display control device and outputting a forced blank display signal;

a second step of supplying the forced blank display signal to the display device driver unit and supplying to the display device a voltage potential that presents a blank display on the display device;

a third step, following the second step, of supplying the power control signal to control power-on of the display device power supply;

a fourth step of supplying the display driving voltage to the display device driver unit from the display device power supply in response to the power control signal;

a fifth step of supplying to the display device driver unit a start signal to control start of causing a display on the display device; and

a sixth step of selecting by the display device driver the display driving voltage that is supplied to the display device.

REMARKS

It is respectfully submitted that the foregoing amendments and the following remarks do not raise any new issues but instead clarify and resolve pending issues. Applicant notes with appreciation the allowance of Claim 17, and allowability of Claim 16, if written in independent form.

Claims 13 and 15 were rejected under 35 U.S.C. 102 (e) as being anticipated by Inoue et al, U.S. Patent No. 5,952,290 (hereinafter "Inoue"). This rejection is respectfully traversed especially in the light of the clarifying amendments to independent Claim 13. The Examiner, in response to Applicant's arguments that the prior art does not teach a blank display first and then the power source drive voltages are supplied, disagrees with Applicant by stating that Inoue teaches

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blanking before driving the display with data. It is respectfully submitted that this reading of Inoue is not consistent with Inoue's specification. Referring to column 5, lines 15 to 40 of Inoue, "when an operator turns on a main switch to start the display, a signal is generated by the display content erase signal generator 26 and it is supplied to the controller 14. The scan line driver 12 and the information line driver 13 are controlled by a control signal from the controller 14, and erase data is supplied to the scan line driver 12 and blank data is supplied to the information line driver 13." Thus, this sequence is driving the display with data – it just so happens to be blank data. In Inoue, this screen erase operation is necessarily performed after the supply of the driving power source voltages has begun because it involves using the scan line driver 12 and the information line driver 13. According to this Inoue arrangement, it is possible that an insignificant display is shown for the period of one frame until scanning of all lines is completed.

This is in distinct contrast to the present invention as particularly recited in amended Claim 13, which recites, in part, "a first step of supplying a logic power source voltage to the display control device and outputting a forced blank display signal; a second step of supplying the forced blank display signal to the display device driver unit and supplying to the display device a voltage potential that presents a blank display on the display device; a third step, following the second step, of supplying the power control signal to control power-on of the display device power supply." Thus, a blank display is first shown, and after that the power source drive voltages are supplied. So, even after the power source has been turned on, presentation of an insignificant display is prevented because a blank display is achieved first.

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In view of the forgoing amendments and remarks, applicants request favorable reconsideration.

Respectfully submitted,



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Version with markings to show changes made**In the Claims**

13. (Twice Amended) A method of controlling a display apparatus comprising a display control device, a display device that is driven by a display driving voltage, a display device driver unit that selects the display driving voltage that is to be supplied to the display device, and a display device power supply that supplies the display driving voltage to the display device driver unit in response to a power control signal, the method comprising:

a first step of supplying a logic power source voltage to the display control device and outputting a forced blank display signal;

a second step of supplying at the forced blank display signal to the display device driver unit and supplying to the display device a voltage potential that presents a blank display on the display device;

a third step, following the second step, of supplying the power control signal to control power-on of the display device power supply;

a fourth step of supplying the display driving voltage to the display device driver unit from the display device power supply in response to the power control signal;

a fifth step of supplying to the display device driver unit a start signal to control start of causing a display on the display device; and

a sixth step of selecting by the display device driver the display driving voltage that is supplied to the display device.